

**Amendments to the Claims:**

1. (Currently Amended) A packet switched network architecture comprising a location area connected by a 2G radio access network to a 2G at least two core networks and a 3G core network ~~having different functionality, wherein the radio access network switches packet transmissions from each terminal in the location area to one of the at least two core networks characterised in that~~ in which the 2G radio access network switches packet transmissions from each terminal in the location area to one of the at least two core networks in dependence dependent on the terminal's capabilities, such that the 2G radio access network connects to the 2G core network terminals that are of a type not capable of connection to a 3G radio access network, and connects to the 3G core network terminals that are of a type capable of connection to a 3G radio access network.
2. (Original) The packet switched network architecture of claim 1 in which the radio access network switches packet transmissions from each terminal to one of the at least two core networks in dependence on the terminal type.
3. (Original) The packet switched network architecture of claim 1 in which the radio access network switches packet transmissions from each terminal to one of the at least two core networks in dependence on the identity of the cell in which the terminal is connected.
4. (Currently Amended) A method of switching packet transmissions in a packet switched network from each terminal in a location area connected by a 2G radio access network to a 2G core network and a 3G core network, in which ~~one of at least two core networks having different functionality characterised by the radio access network switching packet transmissions from each terminal to one of the at least two core networks dependent in dependence on the terminal's capabilities, such that the 2G radio access network connects to the 2G core network terminals that are of a type not capable of connection to a 3G radio access network, and connects to the 3G core network terminals that are of a type capable of connection to a 3G radio access network.~~